

Amendments to the Claims:

1. (Cancelled)
2. (Currently amended) A system for amplifying a plurality of target nucleic acids, comprising:
 - (a) a first solid support wherein
 - (1) the surface of said first solid support comprises a plurality of derivatized areas;
 - (2) at least one ~~[[a]]~~ releasable forward primer and at least one releasable reverse primer for each target nucleic acid or ~~[[a]]~~ at least one releasable sequence complementary to said forward and said reverse primers ~~[[is]]~~ are immobilized on a derivatized area of the first solid support, wherein said releasable primers or releasable sequences ~~[[is]]~~ are adapted to be released before, ~~during or after~~ an amplification reaction; and
 - (b) a second solid support wherein said second solid support comprises a plurality of wells and each well corresponds to ~~[[a]]~~ at least one forward and at least one reverse primer for each target nucleic acid.
3. (Cancelled)
4. (Currently Amended) The system according to ~~any one of the claim~~[[s]] 2~~[[3]]~~, wherein said plurality of target nucleic acids are a plurality of subsequences of a polynucleotide.
5. (Currently Amended) The system of ~~any one of claim~~[[s]] 2~~[[3]]~~, wherein said first or second solid support is glass.
6. (Currently Amended) The system according to ~~any one of the claim~~[[s]] 2~~[[3]]~~ wherein said immobilization is covalent.
7. (Currently Amended) The system according to ~~any one of the claim~~[[s]] 2~~[[3]]~~ wherein said immobilization is non-covalent.

8. (Currently Amended) The system according to claim ~~[[3]]~~ 2 wherein said primers ~~[[is]]~~ are covalently linked to a cleavable moiety.

9. (Original) The system according to claim 8 wherein said cleavable moiety is cleavable by photolysis.

10. (Currently Amended) The system according to ~~any one of the claim~~ ~~[[s]]~~ 2 ~~[[3]]~~ wherein the surface of said first solid support comprises a plurality of hydrophilic areas.

11. (Currently Amended) The system according to ~~any one of the claim~~ ~~[[s]]~~ 2 ~~[[3]]~~ wherein the density of the derivatized areas on said first solid support is between about 10 to 10,000 per cm².

12. (Currently Amended) The system according to ~~any one of the claim~~ ~~[[s]]~~ 2 ~~[[3]]~~ wherein the size of said derivatized area on said first solid support is between about 10⁻³ to 5 mm².

13. (Currently Amended) The system according to ~~any one of the claim~~ ~~[[s]]~~ 2 ~~[[3]]~~ wherein the number of derivatized areas on said first solid support is between about 10 to 500,000.

14. (Cancelled)

15. (Currently Amended) The solid support of claim ~~[[1]]~~ 2 wherein said releasable primer is releasable by photolysis.